

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
31 March 2005 (31.03.2005)

PCT

(10) International Publication Number  
**WO 2005/028867 A1**

(51) International Patent Classification<sup>7</sup>: **F04B 35/04**,  
H02K 1/12, 15/02, F25B 1/02, F16D 65/00

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(21) International Application Number:  
**PCT/KR2004/002225**

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,  
MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH,  
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,  
TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date:  
2 September 2004 (02.09.2004)

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

(25) Filing Language: English

Published:

— with international search report

(26) Publication Language: English

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(30) Priority Data:

10-2003-0065658

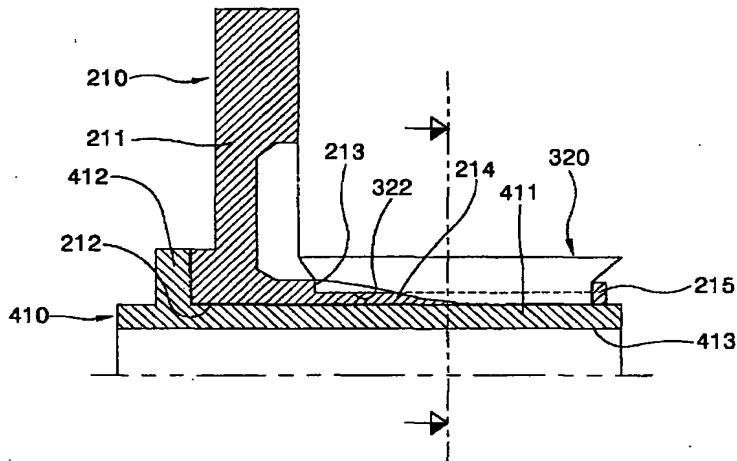
22 September 2003 (22.09.2003) KR

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(54) Title: APPARATUS FOR FIXING STATOR OF MOTOR OF RECIPROCAL COMPRESSOR, AND METHOD THEREFOR



(57) Abstract: The present invention discloses an apparatus for fixing an inner stator (320) of a motor of a reciprocal compressor and a method therefor. The apparatus for fixing the inner stator (320) of the motor of the reciprocal compressor includes a front frame, a cylinder inserted into and coupled to the front frame, an outer stator supported by the front frame (210) in a contact state, an inner stator (320) formed in a cylindrical shape and inserted onto the outside circumferential surface of the cylinder (410) with a predetermined interval from an inside diameter of the outer stator (310), a mover (330) inserted between the outer stator (310) and the inner stator (320), and coupled to a piston (420) inserted into the cylinder (410), and a stator fixing means incorporated with the front frame (210) to pass through the cylinder (410) or the inner stator (320) in the longitudinal direction, for supporting and fixing both sides (213, 215) of the inner stator. Here, the apparatus is fabricated by using casting. Therefore, the apparatus firmly fixes the inner stator (320) to other components, and simplifies the components and the whole process.

WO 2005/028867 A1